

Converting Colors

Hex(13535C)

Have a look what the booklet for
Hex(13535C) contains.

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Color

Hex(13535C)

Conversions

Conversions Part 1

Format	Color
Hex	13535C
RGB	19, 83, 92
RGB Percent	7%, 33%, 36%
CMY	0.9255, 0.6745, 0.6392
CMYK	0.79, 0.10, 0.00, 0.64
HSL	187°, 66%, 22%
HSV	187°, 79%, 36%
XYZ	5.2936, 7.0977, 11.2162
YIQ	64.8900, -41.0330, -10.7690

Conversions

Conversions Part 2

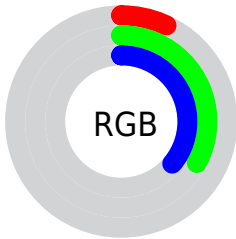
Format	Color
RYB	19, 53, 92
Decimal	1266524
CIELab	32.03, -16.07, -10.95
CIELCh	32, 19.448, 214.257
Yxy	7.0977, 0.2242, 0.3007
Android (android.graphics.Color)	4279456604 (0xFF13535C)
YUV	64.8900, 13.3652, -40.2455
Hunter-Lab	26.6414, -11.1551, -6.3124

Details

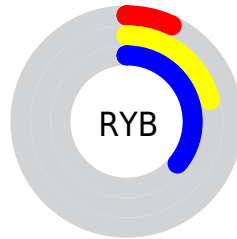
The Hex color **13535C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C1C13**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4C858E**, and **00262E** is the 20% darker color. If you saturate the color by 10%, you get **0A525C**, and if you desaturate by 10%, it is **1C545C**.

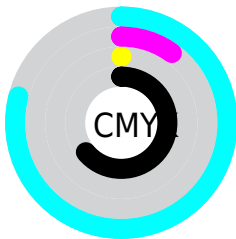
Distribution



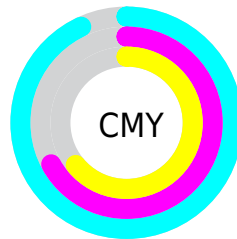
- Red (7%)
- Green (33%)
- Blue (36%)



- Red (7%)
- Yellow (21%)
- Blue (36%)



- Cyan (79%)
- Magenta (10%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13535C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 13535C by changing the saturation by 10% instead.

■ 13535C

■ 13535C

FFFFFF

■ 003C44

■ 4C858E

■ 00262E

■ 669FA9

■ 000F1A

■ 81BAC4

■ 000000

■ 9CD6E0

■ B8F2FC

■ D4FFFF

■ F1FFFF

■ 13535C

■ 13535C

■ 0A525C

■ 1C545C

■ 01515C

■ 25555C

■ 00515C

■ 2F565C

■ 38585C

■ 41595C

■ 4A5A5C

■ 535B5C

■ 5D5C5C

■ 665D5C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1E544D



13535C



215066

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13535C



614259



544B2D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13535C



5C1C13

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



614630



13535C



69404A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13535C



504765



68413B



435032

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13535C



314E69



68413B



58492D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13535C



5B7478



135C1C



2B3B3D



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13535C



066A78



132F5C



292D2E



00606E



00D0ED

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5C1353



78066A



5C4013



2E292D



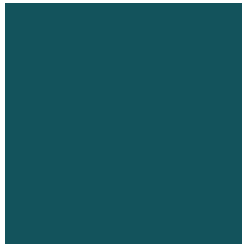
6E0060



ED00D0

Previews

White Background



This preview shows how the Hex color 13535C looks on a white background.

Color Contrast Check

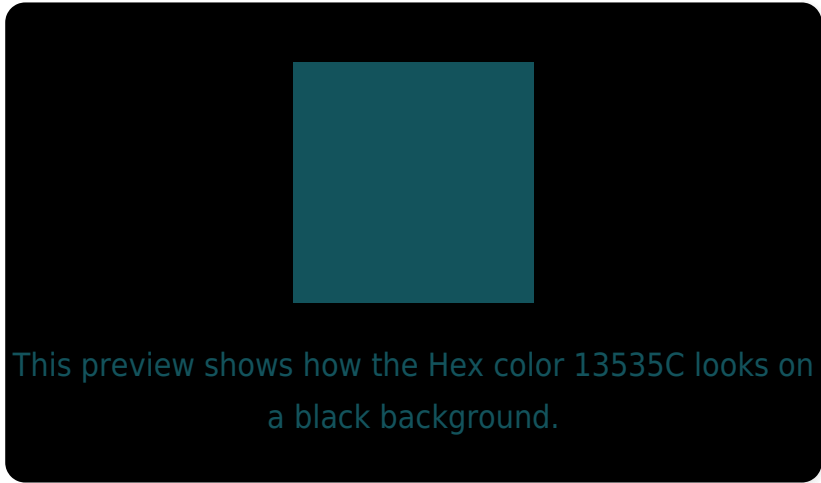
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

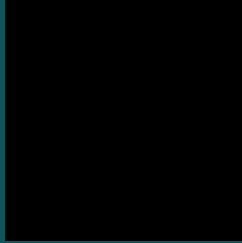
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

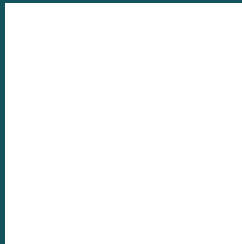
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 13535C Background



This preview shows how black text looks on a background with the Hex color 13535C.



This preview shows how white text looks on a background with the Hex color 13535C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
13535C

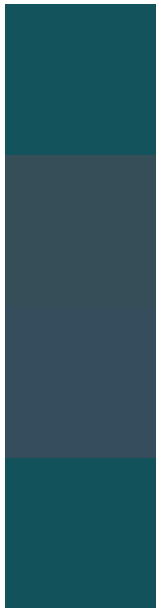
Protanopia
494B56

Deuteranopia
494A5E



Tritanopia
11535A

Trichromacy



Original Color
13535C

Protanomaly
354E58

Deuteranomaly
354D5D

Tritanomaly
12535B

Monochromacy



Original Color
13535C

Achromatopsia
414141

Achromatomaly
30484B

CSS Examples

Text

The CSS property to change the color of the text to Hex 13535C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #13535C looks like.

```
.text, #text, p{  
    color:#13535C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #13535C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13535C
}
```

Border

The CSS property to change the border of an element to Hex 13535C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13535C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#13535C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #13535C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13535C; -webkit-box-shadow:4px 4px  
4px 4px #13535C; box-shadow:4px 4px 4px  
4px #13535C }
```

Background

The CSS property to change the background color of an element to Hex 13535C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13535C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#13535C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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